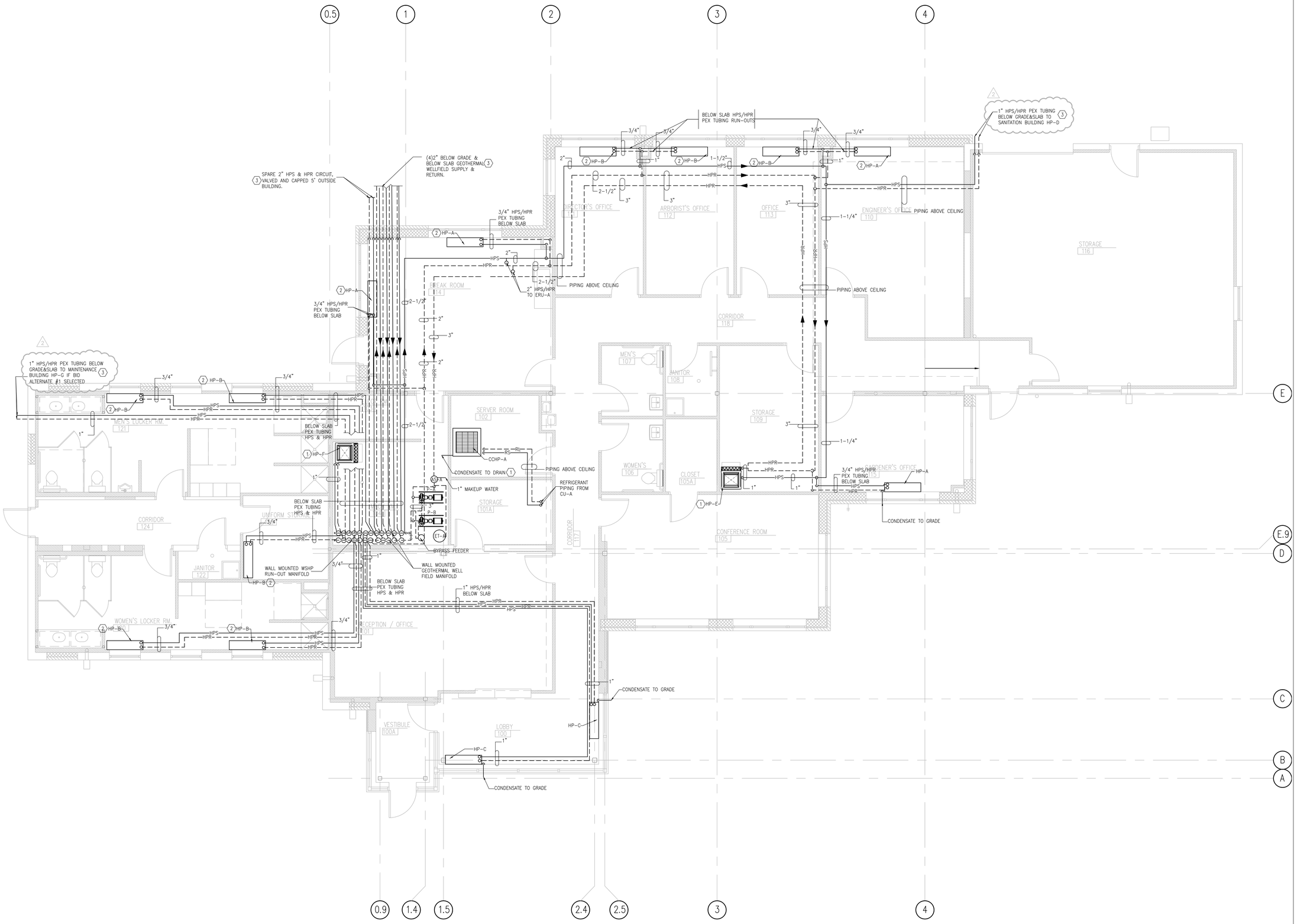

A M-5 MECHANICAL PIPING PLAN – ADMINISTRATION BUILDING

SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. ALL HYDRONIC SPECIALTIES, VALVES, STRAINERS, UNIONS, FLEXIBLE HOSES, BALANCE VALVE, CONTROL VALVES, ETC. SHALL BE THE FULL LINE SIZE INDICATED. PROVIDE REDUCERS TO UNIT ALL CONNECTION SIZE DIRECTLY AT THE UNIT.

2. ALL FLOOR MOUNTED VERTICAL WSHP UNITS SHALL SIT ON VIBRATION ISOLATION PADS. PROVIDE FLEXIBLE DUCT COLLARS AT ALL UNIT CONNECTIONS.

3. PROVIDE SERVICE ISOLATION VALVES ON ALL UNITS.

4. HPS/R PIPING BELOW SLAB SHALL BE INSTALLED AT AN ELEVATION EQUAL TO THE TOP OF THE FOOTINGS(APPROXIMATELY 30"). PROVIDE 4 FT. WIDE BY 2 INCH THICK MINIMUM R10 EXPANDED POLYETHYLENE INSULATION, CENTER ON TRENCH CENTER LINE AND POSITION IMMEDIATELY BELOW THE SLAB GRAVEL BED.

KEY NOTES:

1. CONDENSATE TO DRAIN TO HUB DRAIN LOCATED ON FLOOR. REFER TO PLUMBING DRAWINGS FOR CONDENSATE REMOVAL PIPING SYSTEM.
2. CONDENSATE TO DRAIN TO HUB DRAIN LOCATED ON FLOOR WITHIN HEAT PUMP CABINET. REFER TO PLUMBING DRAWINGS FOR CONDENSATE REMOVAL PIPING SYSTEM.
3. CONTRACTOR SHALL COORDINATE HPS/HPR PIPING INSIDE THE BUILDING WITH ALL THE UNDER SLAB UTILITIES. ALL HPS/HPR PIPING OUTSIDE THE BUILDING SHALL BE MIN. 5' BELOW GRADE.

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Revisions

#	Date	
	02/17/10	PERMIT/BID SET
2	04/22/10	ADDENDUM #4

Client: CITY OF TAKOMA PARK

Location: TAKOMA PARK, MD

Project: CITY OF TAKOMA PARK PUBLIC WORKS FACILITY

MECHANICAL PIPING PLAN ADMNISTRATION BUILDING

Drawn by	WAI Project NO.
PC	09020
Project No.	**Date**
09028.00	01/25/10

Professional Certification
I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland. license number 17366 expiration date May 25, 2011

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